

ABSTRACT OF THE DISCLOSURE

A drive unit for a self-propelled irrigation system including an elongated pipeline supported upon a plurality of spaced-apart drive units. Each of the drive units includes a generally transversely extending base beam having first and second ends. A first drive assembly is pivotally connected to the base beam adjacent the first end thereof and a second drive assembly is pivotally connected to the base beam adjacent the second end thereof. Each of the first and second drive assemblies includes an elongated support member pivotally connected, about a generally horizontal axis, which is generally transverse to the longitudinal axis of the base beam, to the base beam adjacent the first end thereof. First and second driven wheels are rotatably mounted on the elongated support member adjacent the ends thereof. The driven wheels are driven by an electric motor and gearbox arrangement.